

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/JP2004/011295

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EP 0 950 968 A (MATSUSHITA ELECTRIC IND CO LTD) 20 October 1999 (1999-10-20)</p> <p>abstract</p> <p>page 3, column 4, paragraph 33 - page 4, column 5, paragraph 36</p> <p>page 5, column 7, lines 3-11 - page 6, columns 9,10, paragraph 71-76</p> <p>page 7, columns 11,12, paragraph 92</p> <p>pages 10,11, columns 18,19, paragraph 126</p> <p>page 13, column 24, paragraphs 167,171 - page 22, column 41, paragraph 287</p> <p>page 35, columns 67,68, paragraph 337 - page 53, column 104, paragraph 564</p> <p style="text-align: center;">----- -/--</p>	1-24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 December 2004

Date of mailing of the international search report

04/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Thiam, M

INTERNATIONAL SEARCH REPORT

Int. Patent Application No.
PCT/JP2004/011295

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/054010 A1 (WEED STEPHEN J ET AL) 20 December 2001 (2001-12-20) abstract page 2, paragraphs 14,22,23,25 - page 3, paragraph 28 page 4, paragraphs 32,36 -----	1-24
X	US 2003/065528 A1 (MATSUMOTO KOZO) 3 April 2003 (2003-04-03) abstract page 1, column 2, paragraphs 13,14 - page 2, column 2, paragraphs 20,21,23,24 page 3, column 1, paragraph 25 -----	1-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/JP2004/011295

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0950968	A	20-10-1999	AU 761284 B2	29-05-2003
			AU 8648498 A	08-03-1999
			EP 0950968 A1	20-10-1999
			CN 1246941 T	08-03-2000
			EP 1467300 A1	13-10-2004
			WO 9909502 A1	25-02-1999
US 2001054010	A1	20-12-2001	NONE	
US 2003065528	A1	03-04-2003	JP 2003109045 A	11-04-2003
			CN 1410949 A	16-04-2003
			TW 565804 B	11-12-2003